
SABA M5115ET

Service Manual



Do not disconnect modules when they are energized!
Repairs on power supply section are to be carried out only with isolating transformer.

Ne pas retirer les modules lorsqu'ils sont sous tension. N'effectuer les travaux de maintenance sur la partie reliée au secteur (Switch Mode) qu'au travers d'un transformateur d'isolement.

Module nicht bei eingeschaltetem Gerät entfernen!
Servicearbeiten am Netzteil nur unter Verwendung eines Regeltrenntrafos durchführen.

Non scollegare i moduli quando sono alimentati!
Intraprendere riparazioni sulla sezione alimentatore solo con trasformatore isolante.

No desconectar los módulos cuando están activados. Las reparaciones en la sección de alimentación de energía deben ser ejecutadas solamente con un transformador de separación.

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be guaranteed.

Le remplacement des éléments de sécurité (repérés avec le symbole ⚠) par des composants non homologués selon la Norme CEI 65 entraîne la non-conformité de l'appareil. Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) nicht durch Original - Ersatzteile ersetzt werden, erlischt die Haftung des Herstellers.

La sostituzione degli elementi di sicurezza (marcati con il segno ⚠) con componenti non omologati secondo la norma CEI 65 comporta la non conformità dell'apparecchio. In tal caso è "esclusa la responsabilità" del costruttore.

La sustitución de elementos de seguridad (marcados con el símbolo ⚠) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato. En ese caso, el fabricante cesa de ser responsable.

MEASUREMENT CONDITIONS - CONDITIONS DE MESURES - MESSBEDINGUNGEN CONDIZIONI DI MISURA - CONDICIONES DE MEDIDAS

RECEIVER:

On UHF input level: 1 mV, bar test pattern:
- PAL, 1 standard, 100% white.

Via the SCART socket, input level: 1 Vpp, bar test pattern:

Colour, contrast and brightness at mid-position, sound at minimum.
Programme selected: PR 01.

DC voltages measured between the point and earth using a digital voltmeter.

RICEVITORE:

In UHF, livello d'entrata 1 mV, monoscopia con barre:
- PAL, norma G, bianco 100%.

Per la presa SCART, livello d'entrata 1 Vcc, monoscopia con barre:

Colore, Contrasto, Luce a metà corsa, Suono minimo.
Programma designato PR 01.

Tensioni continue rilevate rispetto alla massa con un voltmetro numerico.

RECEPTEUR:

En UHF, niveau d'entrée 1 mV mire de barres:
- SECAM, Norm L, Blanc 100%.

Par la prise Péritélévision, niveau d'entrée 1 Vcc, mire de barres:

Couleur, contraste, lumière à mi-course, son minimum.
Programme affecté PR 01.

Tensions continues relevées par rapport à la masse avec un voltmètre numérique.

EMPFÄNGER:

Bei UHF Eingangspegel: 1 mV, Farbbalken:
- PAL, Norm G, Weiss 100%.

Über die SCARTbuchse: Eingangspegel 1 Vss, Farbbalken:

Farbe, Kontrast, Helligkeit in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.

Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

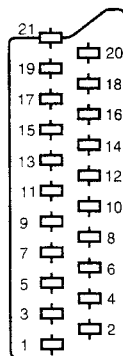
RECEPTOR:

En UHF, nivel de entrada 1 mV, mira de barras:
- PAL, norma G, blanco 100%.

Por la toma Peritelerision, nivel de entrada 1 Vpp mira de barra.

Color, Contraste, luz a mitad de carrera, Sonido mínimo.
Programa afectado PR 01.

Tensiones continuas marcadas en relación a la masa con un voltímetro digital.



NOTE: **MAIN** ... etc. identifies each pcb module.

NOTE: **MAIN** ... etc. repères des platines constituant l'appareil.

HINWEIS: **MAIN** ... usw. Kennzeichnung der Platinen, aus denen das Gerät zusammengesetzt ist.

NOTA: **MAIN** ... ecc. indicazioni delle piastre che costituiscono l'apparecchio.

NOTA: **MAIN** ... etc. marcas de las placas que constituyen el aparato.

	ENGLISH	FRANÇAIS	DEUTSCH	ITALIANO	ESPAÑOL
1	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
2	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
3	AUDIO "L"	AUDIO "G"	AUDIO "L"	AUDIO "S"	AUDIO "I"
4	AUDIO	AUDIO	AUDIO	AUDIO	AUDIO
5	"BLUE"	"BLEU"	"BLAU"	"BLU"	"AZUL"
6	AUDIO "L" MONO	AUDIO "G" MONO	AUDIO "L" MONO	AUDIO "S" MONO	AUDIO "I" MONO
7	"BLUE"	"BLEU"	"BLAU"	"BLU"	"AZUL"
8	SLOW SWITCH	COMMUT. LENTE	AV. UMSCHALTUNG	"COMMUTAZIONE LENTA"	"COMUTACION LENTA"
9	"GREEN"	"VERT"	"GRÜN"	"VERDE"	"VERDE"
10	NC				
11	"GREEN"	"VERT"	"GRÜN"	"VERDE"	"VERDE"
12	NC				
13	"RED"	"ROUGE"	"ROT"	"ROSSO"	"ROJA"
14	NC				
15	"RED"	"ROUGE"	"ROT"	"ROSSO"	"ROJA"
16	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"	"COMUTACION RAPIDA"
17	VIDEO	VIDEO	VIDEO	VIDEO	VIDEO
18	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"	"COMUTACION RAPIDA"
19	VIDEO	VIDEO	VIDEO	VIDEO	VIDEO
20	VIDEO OR "SYNC"	VIDEO SYNCHRO	VIDEO ODER SYNCHRO	VIDEO O SINCR	VIDEO O SINCR
21	PLUG SCREEN BOX	BLINDAGE PRISE	ABSCHIRMUNG DES STECKERS	ARMATURA DELLA SPINA	BLINDAJE DEL enchufe

⬅: INPUT - ENTRÉE - EINGANG - ENTRATA - ENTRADA • ➡: OUTPUT - SORTIE - AUSGANG - USCITA - SALIDA • —: EARTH - MASSE - MASSE - MASSA - MASA

INFORMATION - INFORMATIONS - INFORMATIONEN - INFORMAZIONE - INFORMACIONES

Ⓖ The table hereafter groups:

- 1 - The electronic chassis configuration (modules) and schematic diagram page numbers.
- 2 - The chassis configuration.

Ⓖ Le tableau ci-dessous regroupe :

- 1 - L'environnement électronique de chaque chassis (modules) et le numéro de page où il est décrit.
- 2 - La désignation des chassis

Ⓖ Die nachstehende Tabelle umfaßt:

- 1 - Die elektronischen Baugruppen (Module) der Chassis und die Seitenzahl auf der sie beschrieben werden
- 2 - Die Chassisbezeichnung

Ⓖ La tabella qui di seguito contiene:

- 1 - l'ambiente elettronico di ogni telaio (moduli) e il numero di pagina nella quale è descritto.
- 2 - La descrizione dei telai

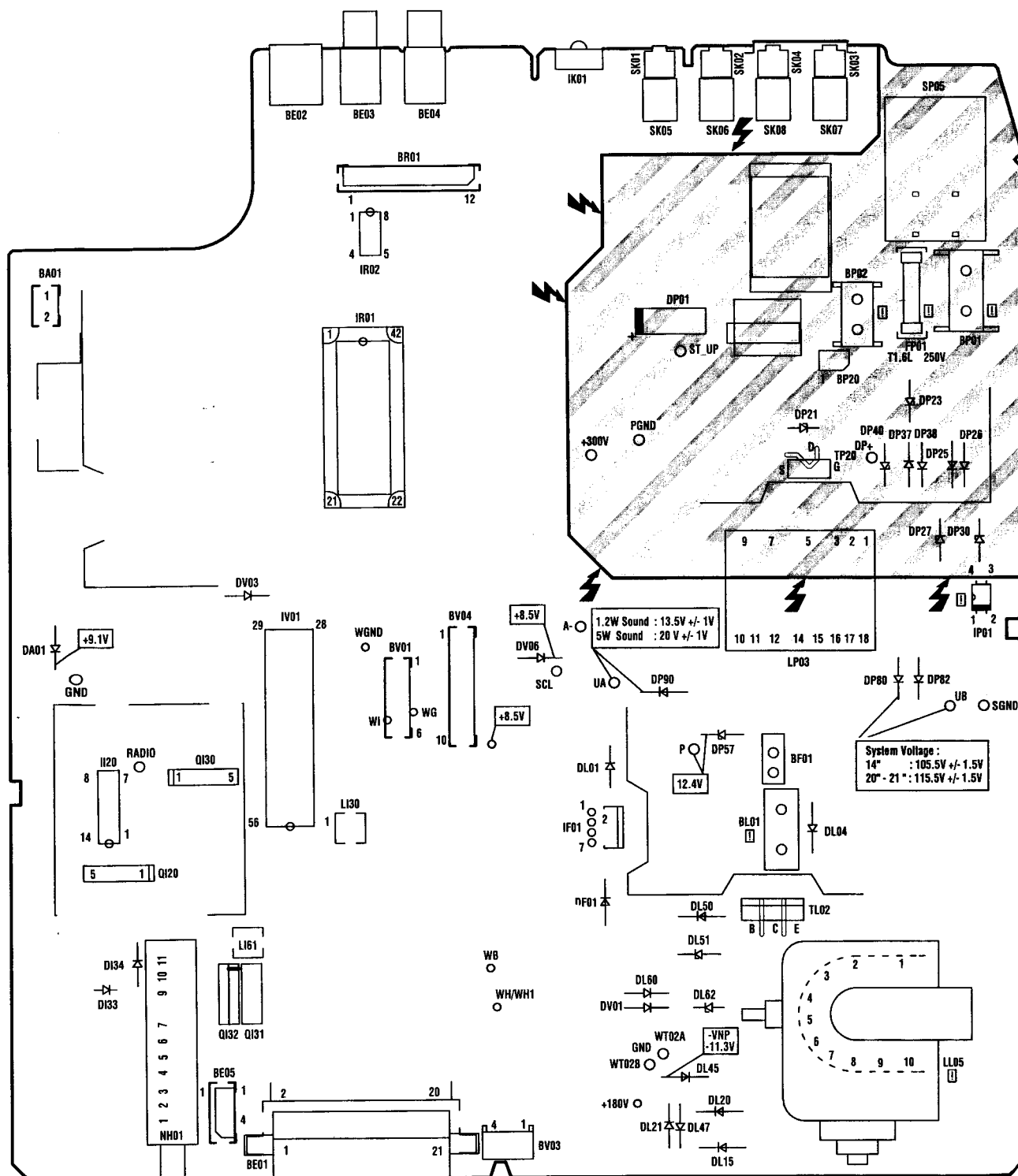
Ⓖ El cuadro siguiente agrupa:

- 1 - El entorno electrónico de cada chasis (módulos) y el número de página donde está descrito.
- 2 - La designación de los chasis

TX807 Mono 14" - 20" - 21"

DESCRIPTION	ADJUSTMENT SCHEMA	MAIN PCB	MAIN PCB	CRT PCB	DVT	TUNER
Pages	4 to 8	9 to 14	15 to 19	20	21	22
Chassis TX807 VST - VOLTAGE SYNTHESIS - SYNTHESE DE TENSION - SPANNUNGSSYNTHESE - SINTESI DI TENSIONE - SINTESIS DE TENSION						
T807 V012700010PL V01N000031 V01N005091 V01N705091	T807 V212700010 V21N700031 V21N705031 V21N705091	T807 V312000010 V312000010PL V31N000031 V31N005031 V31N005091 V36C000030	T807 V412000000 V41N000031 V41N00003A V41N000091 V48N005091			

LOCATION OF CONTROLS - EMBLACEMENT DES REGLAGES - SERVICE LAGEPLAN POSIZIONE REGOLATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES



Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectar a la red.

⚠ Use isolating mains transformer -
Utiliser un transformateur isolateur du secteur -
Trenntrafo verwenden -
Utilizar un transformador aislador de red -
Utilizzare un trasformatore per isolarvi dalla rete

ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONE - AJUSTES

U G2 / cutoff	SCREEN	Peak white pattern. 	 highest output CRT V Collector: TT52, TT62, TT72	Adjust Screen voltage VG2 120V +/- 5V: 14" 145V +/- 5V: 20" & 21"
FOCUS	LL05	Contrast = 100% Brightness = 0% Test pattern (standard values) 		Sharp picture
MAIN SYSTEM VOLTAGE +UB		 Colour-Bar Test pattern W = 100% Mire de barres couleur blanc = 100% Farbbalken W = 100% Monoscopio delle barre colorate bianco = 100% Mira en color blanco = 100% AV1		14" : 105 V +/- 1.5V 20" - 21" : 115.5 V +/- 1.5V

SERVICE-MODE

(GB)

It is necessary to enter the Service Mode in order to carry out alignment of the TV set. Most adjustments can be made with the RCU, except the Focus and Screen voltages.

1. Service Mode Access

- 1.1 With the RCU, switch the TV set into the "Standby" mode.
- 1.2 Switch "Off" the TV set by mains supply switch (wait until LED is dark).
- 1.3 Whilst pressing the "Magenta (text)" button on the RCU switch "On" the TV set using the mains switch.
Continue to press the "Magenta (text)" button until the Service-setup Sub-menu appears.

VT01	1BIL	2BD	3B	4I	5DI	>1
FFI						OFF

Important : The Service Mode cannot be entered if any equipment is connected to the Scart socket, i.e. pin 8 switching voltage present.

2. Service Menu

2.1 Navigation

- Press the / buttons to select the menu line.
- Press the / buttons to make adjustments or selection of a menu item.

2.2 Service Sub-Menus

- Service Set-up Sub-menu - IF Sub-menu - Video Sub-menu
Geometry Sub-menu - Hotel Menu

2.3 Activation of Service Sub-Menu

To navigate around the Service sub-menu, press the "Magenta" button on the RCU, to step through the sub-menus in the following order:
... No Menu $\rightarrow$ Service Set-up Sub-Menu $\rightarrow$ Service IF Sub-Menu $\rightarrow$ Service Geometry Sub-Menu $\rightarrow$ Service Video Sub-Menu $\rightarrow$ Hotel Menu $\rightarrow$ No Menu $\rightarrow$ Service Set-up Sub-Menu ...etc.

3. Alignment and storing new function value

- 3.1 The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU / buttons.
- 3.2 To "STORE" the functions new value whilst in any of the Service Sub-menus, press the "OK" button on the RCU.
- 3.3 To leave the Service Sub-menu press the "Exit" button on the RCU.

4. Temporary exit from Service Mode

- 4.1 To temporary leave the Service Mode, press the "Exit" button on the RCU. To access the everyday menus, press the "Menu" button on the RCU.
- 4.2 To return to the Service Mode, press the "Magenta" button on the RCU

5. Leaving the Service Mode

- 5.1 To leave the Service mode either, switch the TV set into "Standby" or switch "Off" the mains supply.

TX807

First issue 02 / 98

MODE SERVICE

(F)

Le mode service sert au réglage de l'appareil. Toutes les opérations de réglage s'effectuent à l'aide de la télécommande (sauf les réglages de Focus et de tension de grille-écran).

1. Accès au mode service

- 1.1 Commuter le téléviseur en position de veille avec la télécommande.
- 1.2 Eteindre le téléviseur par l'interrupteur secteur (attendre l'extinction complète du voyant).
- 1.3 Maintenir la touche "Magenta (text)" enfoncée et mettre simultanément le téléviseur en marche avec l'interrupteur secteur. Ne pas relâcher la touche "Magenta (text)" jusqu'à apparition du sous-menu de Service Setup.

VT01	1BIL	2BD	3B	4I	5DI	>1
FFI						OFF

Attention : Le mode service n'est pas accessible si un appareil est connecté à la prise péritélévision.

2. Menu Service

2.1 Déplacement

- Appuyer sur la touche / pour sélectionner une ligne de menu.
- Appuyer sur la touche / pour un réglage ou une sélection d'une option.

2.2 Sous-Menus du mode service

- Sous- Menu Setup - Sous- Menu FI - Sous- Menu Video -
Sous- Menu Geometrie - Menu Hotel

2.3 Sélection d'un Sous-Menu

En mode service des courtes pressions sur la touche "Magenta" permet la sélection d'un sous- menu dans l'ordre suivant :
... Pas de Menu $\rightarrow$ Sous-menu Setup $\rightarrow$ Sous-menu FI $\rightarrow$ Sous-menu Géométrie $\rightarrow$ Sous-menu Video $\rightarrow$ Hotel Menu $\rightarrow$ Pas de Menu $\rightarrow$ Sous-menu Setup ...

3. Réglage des fonctions sélectionnées; mémorisation

- 3.1 La valeur momentanée de la fonction sélectionnée est indiquée sous forme hexadécimale à droite, à coté de la position à régler et peut être modifiée avec la télécommande par la touche / .
- 3.2 Dans un sous-menu (Service Setup / FI / Geometrie / Video) appuyer sur la touche "OK" pour mémoriser la nouvelle valeur de réglage en NVM (EEPROM).
- 3.3 Appuyer sur la touche "Exit" pour sortir d'un sous-menu.

4. Temporary exit from Service Mode

- 4.1 Utiliser la touche "Exit" de la télécommande.
Le menu utilisateur peut-être accesible via la touche "Menu".
- 4.2 Pour entrer à nouveau dans le Menu Setup utiliser la touche magenta.

5. Sortie du mode service

- 5.1 Pour sortir du mode service, commuter le téléviseur en position de veille ou le mettre hors service par l'interrupteur secteur.

SERVICE-MODE

(D)

Der Service-Mode wird für den Geräteabgleich benötigt. Alle Einstellungen erfolgen mit der Fernbedienung (bis auf Fokuseinstellung und Schirmgitterspannung).

1. Service-Mode einschalten

- 1.1 Mit der Fernbedienung das Fernsehgerät in Stand-by schalten.
- 1.2 Das Gerät mit dem Netzschalter ausschalten (warten bis LED dunkel ist)
- 1.3 Während Sie die magentafarbene Taste (**text**) auf der Fernbedienung gedrückt halten, schalten Sie das Gerät mit dem Netzschalter ein. Halten Sie die magentafarbene Taste solange gedrückt bis das Service Setup Sub-Menü erscheint.

VT01	1BIL	2BD	3B	4I	5DI	>1
FFI						OFF

Achtung : Der Service-Mode läßt sich nicht einschalten, wenn an einer Euro-AV-Buchse ein Gerät aktiviert ist, d.h. die Schaltspannung anliegt.

2. Service Menü

2.1 Navigation

- Drücken Sie die Tasten / zum Auswählen der Menüzeile.
- Drücken Sie die Tasten / zum Einstellen oder Auswählen in einer Menüzeile

2.2 Service Sub-Menü

- Service Setup Sub-Menü , ZF Sub-Menü , Video Sub-Menü,
Geometrie Sub-Menü - Hotel Menü

2.3 Service Sub-Menü aktivieren

Durch einen jeweils kurzen Druck auf die magentafarbene Taste wird das Service Menü in der folgenden Reihenfolge aktiviert :
... Kein Menü $\rightarrow$ Service Setup Sub-Menü $\rightarrow$ Service ZF Sub-Menü $\rightarrow$ Service Geometrie Sub-Menü $\rightarrow$ Service Video Sub-Menü $\rightarrow$ Hotel Menü $\rightarrow$ kein Menü $\rightarrow$ Service Setup Sub-Menü ...

3. Abgleich der gewählten Funktion und Speichern

- 3.1 Der momentane Wert der gewählten Funktion wird hexadezimal rechts neben der abzugleichenden Position angegeben und kann mit der Taste / auf der Fernbedienung verändert werden.
- 3.2 In den Service Sub-Menüs drücken Sie OK um die neuen Funktionswerte im NVM (EEPROM) zu speichern.
- 3.3 Drücken Sie "Exit" zum Verlassen eines Service Sub-Menüs.

4. Vorübergehendes verlassen des Service-Mode

- 4.1 Auf der Fernbedienung Exit drücken.
Mit der Taste Menü gelangen Sie zum Menü Übersicht.
- 4.2 Durch Drücken der magentafarbenen Taste gelangen Sie in das Service Setup Sub-Menü.

5. Service-Mode verlassen

- 5.1 Zum Verlassen des Service-Mode das Gerät in Stand By schalten oder mit dem Netzschalter ausschalten.

MODO SERVICIO

(E)

Se necesita el MODO SERVICIO para ajustar el aparato. Todos los ajustes se hacen con el mando a distancia (a excepción de la tensión del sistema, los ajustes del foco y las tensiones de la rejilla de pantalla).

1. Ajustar el Modo Servicio

- 1.1 Con el mando a distancia conectar a STANDBY el televisor.
- 1.2 Desconectar el aparato con el interruptor de la red (esperar hasta que el LED se apague).
- 1.3 Mientras mantiene pulsado el botón "Magenta (texto)" de la UCR, pulse el interruptor de paso de la corriente "On" para encender el televisor. Mantenga pulsado el botón "Magenta (texto)" hasta que aparezca el submenú de la configuración del servicio.

VT01	1BIL	2BD	3B	4I	5DI	>1
FFI						OFF

Atencion : No se puede conectar el MODO SERVICIO cuando en Euro-toma-AV está activado un aparato, es decir, cuando existe tensión de conexión.

2. Menú Servicio.

2.1 Desplazamiento

- Pulse el botón / para seleccionar la línea del menú.
- Pulse el botón / para ajustar o seleccionar una opción del menú.

2.2 Submenú Servicio

- Service Setup Sub-menu - IF Sub-menu - Video Sub-menu
Geometry Sub-menu - Hotel Menu

2.3 Activación del submenú Servicio

SERVICE-MODE

(I)

Il Service-Mode è necessario per l'allineamento dell'apparecchio. Tutte le regolazioni si effettuano con il telecomando. (a parte le regolazione del fuoco e le tensioni della griglia schermo).

1. Attivazione del Service-Mode

- 1.1 Commutare il televisore in stand-by con il telecomando.
- 1.2 Spegner l'apparecchio con l'interruttore di rete (attendere finchè il LED è spento)
- 1.3 Mentre tenete premuto il pulsante "Magenta (testo)" dell' RCU, accendete il televisore utilizzando l'interrutto di rete. Continuate a premere il pulsante "Magenta (testo)" dell' RCU fino all'apparizione del Service Setup Sub Menu

VT01	1BIL	2BD	3B	4I	5DI	>1
FFI						OFF

Attenzione : Il Service-Mode non si può attivare se è attivato un apparecchio collegato alla presa di peritelevisione AV, cioè se è presente la tensione ausiliaria.

2. Service Menu

2.1 Navigazione

- Premere i tasti / per selezionare la linea del menu
- Premere i tasti / per la regolazione o la selezionz di un elemento del menu

2.2 Services Sub-Menu

- Service Setup Sub-menu - IF Sub-menu - Video Sub-menu
Geometry Sub-menu - Hotel Menu

2.3 Activazione del Service Sub-Menu

Nel Service Mode, una breve pressione sul tasto "Magenta" attiverà il Service Menu secondo questa sequenza:
... No Menu $\rightarrow$ Service Setup Sub-Menu $\rightarrow$ Service IF Sub-Menu $\rightarrow$ Service Geometry Sub-Menu $\rightarrow$ Service Video Sub-Menu $\rightarrow$ Hotel Menu $\rightarrow$ No Menu $\rightarrow$ Service Setup Sub-Menu ...

3. Taratura della funzione scelta e memorizzazione

- 3.1 Il valore momentaneo della funzione scelta viene indicato in formato esadecimale a destra, accanto alla posizione da allineare e può essere cambiato con il pulsante / del telecomando .
- 3.2 Nel Service Sub Menu (cioè Service Setup / IF / Geometry / Video Sub Menu), premere "Ok" per MEMORIZZARE i nuovi valori delle funzioni in NVM (EEPROM).
- 3.3 Premere il tasto "Exit" per uscire da qualsiasi Service Sub Menu.

4. Uscita temporanea dal Service Mode

- 4.1 Premere Exit sul telecomando.
Al menu di uso quotidiano si accede attraverso il pulsante Menu.
- 4.2 Il Service Setup Sub Menu è accessibile attraverso il tasto "Magenta".

5. Disattivazione del Service-Mode

- 5.1 Per disattivare il ServiceMode, commutare l'apparecchio in stand-by o spegnerlo con l'interruttore di rete.

2.3 Activación del submenú Servicio

Al pulsar brevemente el botón "Magenta" en el modo Servicio, activará el menú Servicio en la secuencia siguiente:
... No Menu $\rightarrow$ Service Setup Sub-Menu $\rightarrow$ Service IF Sub-Menu $\rightarrow$ Service Geometry Sub-Menu $\rightarrow$ Service Video Sub-Menu $\rightarrow$ Hotel Menu

3. Ajuste de la función elegida y almacenamiento

- 3.1 El valor momentáneo de la función elegida es indicado de modo hexadecimal a la derecha, al lado de la posición a ajustar, y puede cambiarse con la tecla o bien en el mando a distancia.
- 3.2 En el submenú Servicio, es decir, Configuración del servicio/IF/Geometría/Submenú Video pulse "OK" para ALMACENAR el nuevo valor de las funciones en NVM (EEPROM).
- 3.3 Pulse el botón "Exit" para salir de cualquier submenú Servicio.

4. Salida temporal del Modo Servicio

- 4.1 Pulse Salir en el mando a distancia.
Con el botón Menu puede acceder aml menú de uso cotidiano.
- 4.2 Puede acceder al submenú de configuración del servicio mediante el botón "Magenta".

5. Salir del Modo Servicio

- 5.1 Conmute el aparato a STANDBY a fin de salir del MODOSERVICIO o desconectar con el interruptor de la red.

ALIGNEMENT PROCEDURE - PROCESSUS DE REGLAGES - ABGLEICH - VISUALIZZAZIONE DEL VALORE DELLA REGOLAZIONE - PROCEDIMIENTO DE ALINEACION
CHASSIS TX807 VST - VOLTAGE SYNTHESIS - SYNTHÈSE DE TENSION - SPANNUNGSSYNTHESE - SINTESI DI TENSIONE - SINTESIS DE TENSION

SET-UP SUB-MENU									
VN01	1BIL	2BD	3B	4I	5DI	>1			
	FFI					OFF			

IF SUB-MENU				
AFC			< x . >	
IFPL	00 - 7F			68
L'FA	00 - 7F			75
AGC	00 - 3F			19

GEOMETRY SUB-MENU				
HSH	00 - 3F			45
VA50	00 - 3F			20
VA60	00 - 3F			36
VSH	00 - 3F			59

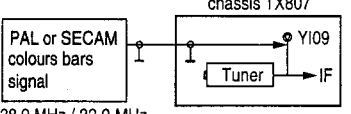
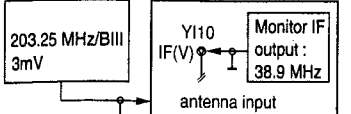
VIDEO SUB-MENU				
RED	00 - 3F			45
GRN	00 - 3F			20
BLU	00 - 3F			36
PEAK			< - + >	

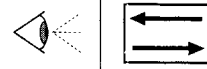
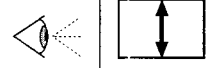
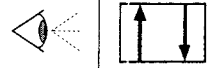
HOTEL MENU				
HOTEL			ON	
MAX			 1	

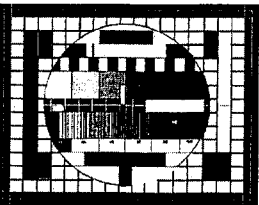
Test Bar pattern used : 4/3 with a geometric circle.
Mire utilisée : 4/3 avec un cercle de géométrie.
Benötigtes Testbild : 4/3 mit geometrischem Kreis.
Formato Testo utilizzato : 4/3 con cerchio geometrico
Mira utilizada : 4/3 con círculo geometrico

Perform the G2 and the Focus settings beforehand.
Effectuez au préalable les réglages de G2 et de focus.
Stellen Sie zuvor G2 und "Focus" ein.
Effettuare le regolazioni G2 e del Fuoco innanzitutto.
Ejecuta de antemano los ajustes G2 y "Focus".

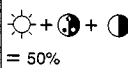
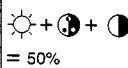
SET-UP		
FT01 1st menu line : 1ère ligne du menu : Menüzeile : 1ª riga menu : 1ª línea del menú :	Software code	
Code	Norm	Teletext IC
VN01	BG/LL' BG/DKK' I,DK/I,BG	12k ROM VST - No Text. Europe market
VN02	BG/DKK'	12k ROM VST - No Text. Asia market
VT01	BG/LL' BG/DKK' I,DK/I,BG	16k ROM VST - ST text. Europe market
VT02	BG/DKK'	16k ROM VST - ST text. Asia market
VP01	BG/DKK' I,DK,I,BG	16k ROM VST - Philips text. Eastern Europe market
VP01	BG/DKK' I,DK,I,BG	16k ROM VST - Greek text. Europe market
1BIL 2BD 3B 4I 5DI 1 Standard		
1	BIL	BG / I / LL'
2	BD	BG / DKK'
3	B	BG
4	I	I
5	DI	DK / I
ROM Default Value : TX 807 Europe : 1BIL		
FFI	- For TX807 Asia only. TX807 Europe : FFI = Off	

VIDEO	
AFC AFC Status display - Visualise l'état de AFC AFC Status Display - Stato display AFC Estado del CAF.	
Display	AFC Status
< x . >	Fosc. too low
x < . >	
< . x >	Fosc. too high
< . > x	
IFPL	IF PLL adj. VCO - 38.9MHz
L'FA	IF PLL adjustment chassis (LL') VCO 33.9MHz
 chassis TX807 PAL or SECAM colours bars signal Y109 Tuner IF 38.9 MHz / 33.9 MHz 15 mV I - IFPL Signal : PAL BG or SECAM L : 38.9 MHz / 15mV - TV : Norm BG or L : Program Menu EURO FR UK VL ————> EURO : norm BG FR : norm LL'	
II - L'FA (For BGHILL' set) Signal : SECAM L' : 33.9 MHz / 15mV - TV : Norm L' : Program Menu - Adjust IFPL (or L'FA) until the indicator (x) is within the brackets : < x . >. - Régler IFPL ou L'FA pour que le curseur (x) soit dans la fenêtre AFC : < x . >. - IFPL (oder L'FA) einstellen wenn der indikator (x) innerhalb der Klammern ist : < x . >. - Regolare IFPL (o L'FA) in modo che l'indicatore (x) rimanga all'interno delle parentesi : < x . >. - Ajustar IFPL (o L'FA) hasta que el cursor (x) esté entre los símbolos : < x . >. ROM Default Value : IFPL : 3F - L'FA : 3F	
AGC - Minimum noise- Minimum de bruit - Geräuschminimum - Rumore minimo - Mínimo ruido  203.25 MHz/BIII 3mV Y110 IF(V) antenna input Monitor IF output : 38.9 MHz - Set AGC to 00 - Adjust AGC for maximum gain of IF signal. ROM Default Value : AGC : 1F	

GEOM		
HSH		
VA 50		 50 Hz
VA 60		 60 Hz
VSH		
ROM Default Value : HSH : 20 VA 50 : 18 VA 60 : 20 VSH : 1A		

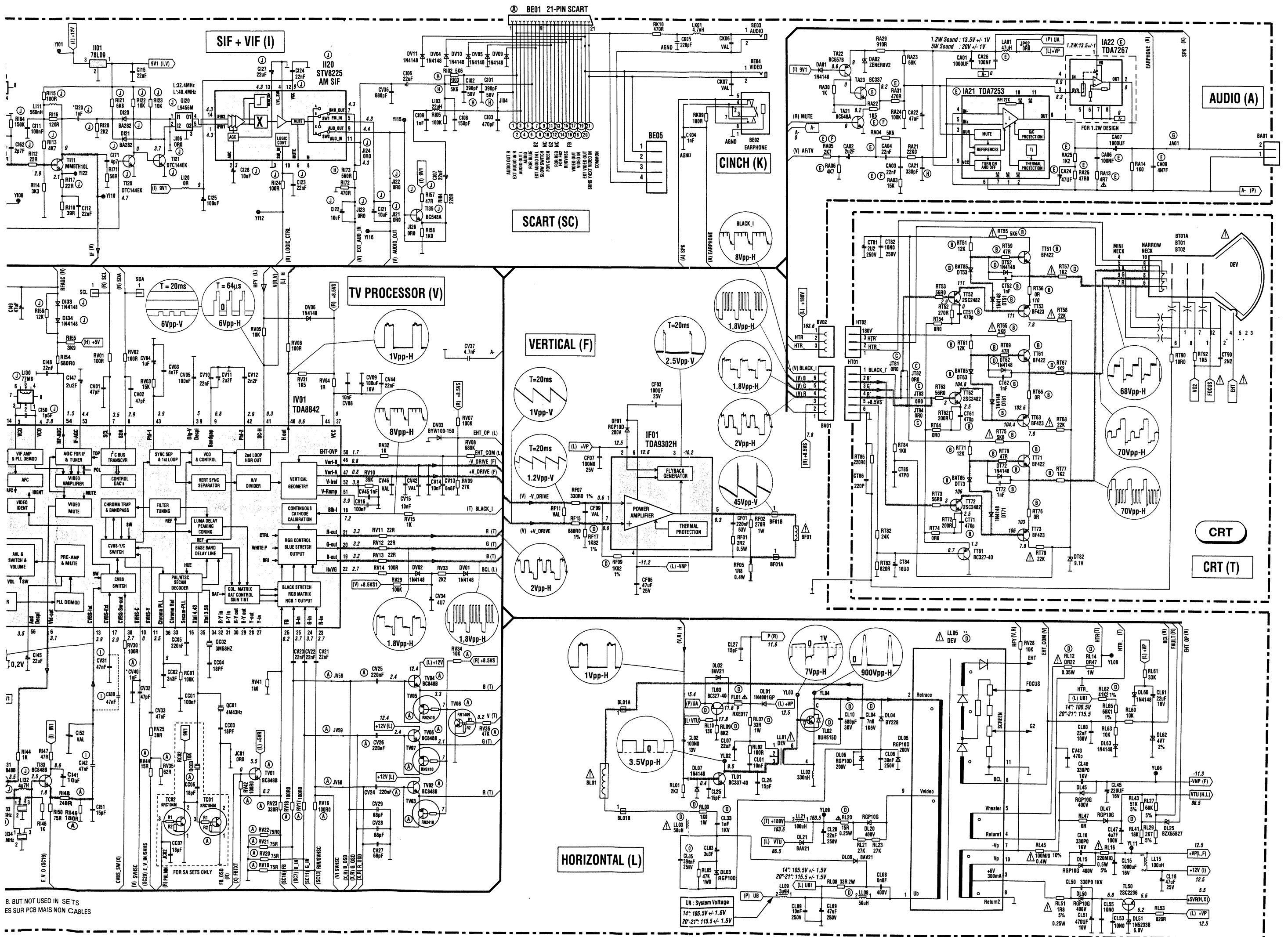


overscan V=107%

VIDEO														
RED*		 = 50% Grey scale test pattern white=100%  weiß, white												
GRN*														
BLU*														
ROM Default Value : RED : 1F GRN : 1F BLU : 1F														
PEAK	 CRT Pin 6,8,11 Oscillo. or colorimeter	PEAK WHITE ADJUSTMENT  = 50%  = 100% <table><tr><td>Sets</td><td>Nits</td><td>Vpp</td></tr><tr><td>14"</td><td>450</td><td>70</td></tr><tr><td>20"</td><td>490</td><td>-</td></tr><tr><td>21"</td><td>490</td><td>-</td></tr></table>	Sets	Nits	Vpp	14"	450	70	20"	490	-	21"	490	-
Sets	Nits	Vpp												
14"	450	70												
20"	490	-												
21"	490	-												

Notes :
* Adjust separate for PAL / SECAM and NTSC/AV
* Régler séparément pour PAL / SECAM et NTSC/AV
* Den Abgleich der Videowerte für PAL, SECAM, NTSC/AV getrennt durchführen.
* Regolare separatamente in PAL, SECAM, NTSC/AV.
* Realice los ajustes en PAL, SECAM, NTSC/AV por separado.

HOTEL	
HOTEL	ON : Available Validation Vorhanden Opción activa Opzione attivata OFF: Not available Non validé Nicht vorhanden Opzione non attivata Opción inactiva
MAX	The hotel mode ("MAX") is used to keep the volume down and allow adjustments to the picture only. Le mode hotel (ligne "MAX") permet de limiter le volume et d'avoir accès seulement aux réglages image. Der Hotel-Modus ("MAX") wird nur verwendet, um die Lautstärke zu begrenzen und um Bildeinstellungen vorzunehmen. Il modo hotel ("MAX") consente di bloccare il volume e di accedere alla sola regolazione dell'immagine. El modo hotel ("MAX") permite mantener el volumen bajo y acceder solamente al ajuste de imagen



A DIFFERENCES BETWEEN EUROPE AND ASIA

POSITION	EUROPE	ASIA
RI48	220R	180R
RI49	150R	180R
CP08	1000F/400	220F/450V
CP09	1N5F	2N2
CP09	RS205L-1105	RS255-K105
DP82	DELETE	ADD
IP02	AD	DELETE
LP02	OREGA 12MH	PANASONIC
LP03	OREGA SMT17	FRONTIER SRV-3513
RP01	5R15W	2R7
RP01B	DELETE	POS 5R0
RP02	ADD 18R0	DELETE
RP02A	DELETE	ADD 5R0
RP03	DELETE	5R
RP05/06/07	270K0.25W	120K0.25W
RP41	22K	18K
TP20	STPSN80FI	STPSN80FI
TP01	DELETE	EAZV10D471
QR04	1N4148	DELETE
IR01(TXT)	VT01	VT01
IR01(W/O TXT)	VN01	VN02
LR03	0R	0R
LR04	0R	0R
RR16	220R	3K6
RR17	1K	3K6
RR18	1K	3K6
RR19	1K	3K6
RR20	DELETE	680R0
RR24	ADD	DELETE
RR50	1K	0R
RR80	DELETE	ADD
RR81	ADD	DELETE
CV24	ADD	DELETE
CV25	ADD	DELETE
CV26	ADD	DELETE
CV40	DELETE	ADD
JV58	DELETE	ADD
JV59	DELETE	ADD
JV60	DELETE	ADD
RV16	ADD	DELETE
RV17	ADD	DELETE
RV18	ADD	DELETE
RV19	ADD	DELETE
RV20	ADD	DELETE
RV21	ADD	DELETE
RV22	ADD	DELETE
RV23	ADD	DELETE
RV34	ADD	DELETE
RV35	62R	75R
RV36	ADD	DELETE
RV42	DELETE	ADD
RV44	15R	0R
TV01	ADD	DELETE
TV02	ADD	DELETE
TV03	ADD	DELETE
TV04	ADD	DELETE
TV05	ADD	DELETE
TV06	ADD	DELETE
TV07	ADD	DELETE
TV08	ADD	DELETE
DX04	DELETE	ADD
RX01	390R0	4K7
RX02	390R0	4K7
RX03	390R0	4K7
RX04	220H0	3K3
RX11	6K2	6K2
TX02	ADD	DELETE
BE01	SCART	CINCH

B DIFFERENCES BETWEEN 14" AND 20"/21" (CRT BOARDS, POWER)

POSITION	14"	20"/21"
CT51/61/71	820P	270P/330P
CT52/62/72	680P	DELETE
DT51/61/71	JUMPER	1N4148
DT52/62/72	1N4148	DELETE
DT53/63/73	JUMPER	BAT85
RT51/61/71	10K	12K
RT55/65/75	DELETE	1K
RT56/66/76	220R	150R
RT59/69/79	DELETE	47R
TT51/61/71	DELETE	BF422
CP23	1N5/50V	2N2/50V
CP90	1000UF/16V	1000UF/25V
DP27	24V	27V
DP40	24V	27V
DP82	DELETE	BYW76
LP90	JUMPER	DELETE
LP91	DELETE	JUMPER
RP29	15K	22K
RP37	18K	33K
RP53	10K	15K
RP90	0.22/0.25W	0.22/0.35W
SP01	DELETE	DELETE

C DIFFERENCES BETWEEN MINI NECK AND NARROW NECK PICTURE

POSITION	MINI	NARROW
JT81	ADD	DELETE
JT82	DELETE	ADD
JT83	DELETE	ADD
JT84	ADD	DELETE

D PICTURE TUBE MATCHING

CRT	14" CHUNG HWA	14" POLCOLOR	14" THAI CRT	14" ORION	20" CHUNG HWA	20" VIDEOCOLOR	21" CHUNG HWA	21" VIDEOCOLOR
RF09/K	1.37	1.5	1.5	1.37	1.82	1.58	1.82	1.58
RF17/K	1.37	1.5	1.5	1.37	1.82	1.58	1.82	1.58
CL10/F	680	560	560	680	820	680	820	680
RL14/H	1.0/1W	0.47/1W	1.0/1W	1.0/1W	0.47/1W	0.47/1W	0.47/1W	0.47/1W
LL05	20820700	20820700	20820700	20820700	20801770	20801770	20801770	20801770
	20840590	20840590	20840590	20840590	20835940	20835940	20835940	20835940
CL04/NF	6.6	6.6	6.6	6.6	8.8	6.6	8.8	6.6
CL05/NF	390	470	470	390	470	390	470	390
CL08/NF	390	470	470	390	470	390	470	390
CL33/NF	1	1	1	1	1	1	1	1
DL08	58	58	58	58	58	58	58	58
FL01	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER
LL03/UH	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER
LL08/UH	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER	JUMPER
RL03/K	1K/1W	1K/1W	1K/1W	1K/1W	1K/1W	1K/1W	1K/1W	1K/1W
RL07/H	39/1W	39/1W	39/1W	39/1W	39/1W	39/1W	39/1W	39/1W
YL02	S2000N	S2000N	S2000N	S2000N	S2000N	S2000N	S2000N	S2000N
RL07/H	22/1W	22/1W	22/1W	22/1W	15/1W	15/1W	15/1W	15/1W
YL02	BUH515TH	BUH515TH	BUH515TH	BUH515TH	BUH515TH	BUH515TH	BUH515TH	BUH515TH
RL08/K	3.9	3.9	3.9	3.9	5.6	5.6	5.6	5.6
RL10/K	15.0	15.0	15.0	15.0	13.0	13.0	13.0	13.0
RL12/H	0.68	0.22	0.68	0.68	0.22	0.22	0.22	0.22
RL20/H	15/5W	15/5W	15/5W	15/5W	47/35W	47/35W	47/35W	47/35W
RL41/K	22.0	22.0	22.0	22.0	18.0	18.0	18.0	18.0
RL62/K	82.5	82.5	82.5	82.5	41.2	41.2	41.2	41.2
RP54/K	2.0	2.0	2.0	2.0	1.82	1.82	1.82	1.82
UB/V	105.5	105.5	105.5	105.5	115.5	115.5	115.5	115.5
RH07	3K9	3K9	3K9	3K9	4K7	4K7	4K7	4K7
DT52/62/72	RCF1K2	HA2K2	TBC	TBC	1K2	1K2	1K2	1K2
RT57/67/77	1N4148	BAV21	TBC	TBC	-	-	-	-

F DIFFERENCES FOR 5W ASIA/EUROPE ACOUSTIC REQUIREMENTS

POSITION	EUROPE	ASIA
CA03	22nF	39nF
RA03	15K	7K5
RA04	5K6	7K5
RA05	2K7	JUMPER

G DIFFERENCES FOR JA01 OPTIONS

POSITION	
JA01	WITH HEADPHONE (BE02), JA01 DELETED.
	WITHOUT HEADPHONE (BE02), JA01 ADDED.

H DIFFERENCES FOR SCART AND CINCH CONNECTORS

POSITION	SCART WITH I120	SCART WITHOUT I120	CINCH WITHOUT I120
RI02	7K5	10K	5K6
RI03	7K5	10K	5K6
RI72	510R	18K	27K
RI73	560R	4K7	2K
CA21	330pF	470pF	470pF
CI01	270pF	270pF	270pF
CI02	270pF	270pF	270pF

I FOR MACROVISION

POSITION	OTHERS	LL SETS	REMARK
CI42	MPC47nF	5mm JUMPER	SOLDERED ON COPPER SIDE
JV38	10mm JUMPER	CC 47nF	
CI80	DELETE	CC 47nF	
CV31	CC47nF	DELETE	

* REFER TO PART LIST

E DIFFERENCES AMONG AUDIO OUTPUT POWER REQUIREMENT

POSITION	1.2W (14" EUROPE)	3W (14" ASIA)	5W (20"/21" ASIA/EU)
CA03	15nF	22nF	22nF
CA04	15nF	10nF	22nF
CA06	DELETE	100nF	100nF
CA09	DELETE	4n7F	4n7F
IA21	DELETE	TD47253	TD47253
IA22	DELETE	DELETE	DELETE
JA06	DELETE	JUMPER	JUMPER
JA07	DELETE	JUMPER	JUMPER
JA08	DELETE	JUMPER	JUMPER
LA01	LP03=Orega SMT use47uH	JUMPER	JUMPER
	LP03=TDK SMT USE 22uH		
RA03	12K	12K	15K
RA04	8K8	33K	5K6
RA05	2K7	180R	2K7
RA06	4K7	DELETE	DELETE
RA13	DELETE	4R7	4R7
RA25	DELETE	1K2	1K2
RA26	DELETE	47R	47R
RA22	9K3	2K4	2K4
RA31	1R5	2K4	22R
CA24	DELETE	ADD	ADD

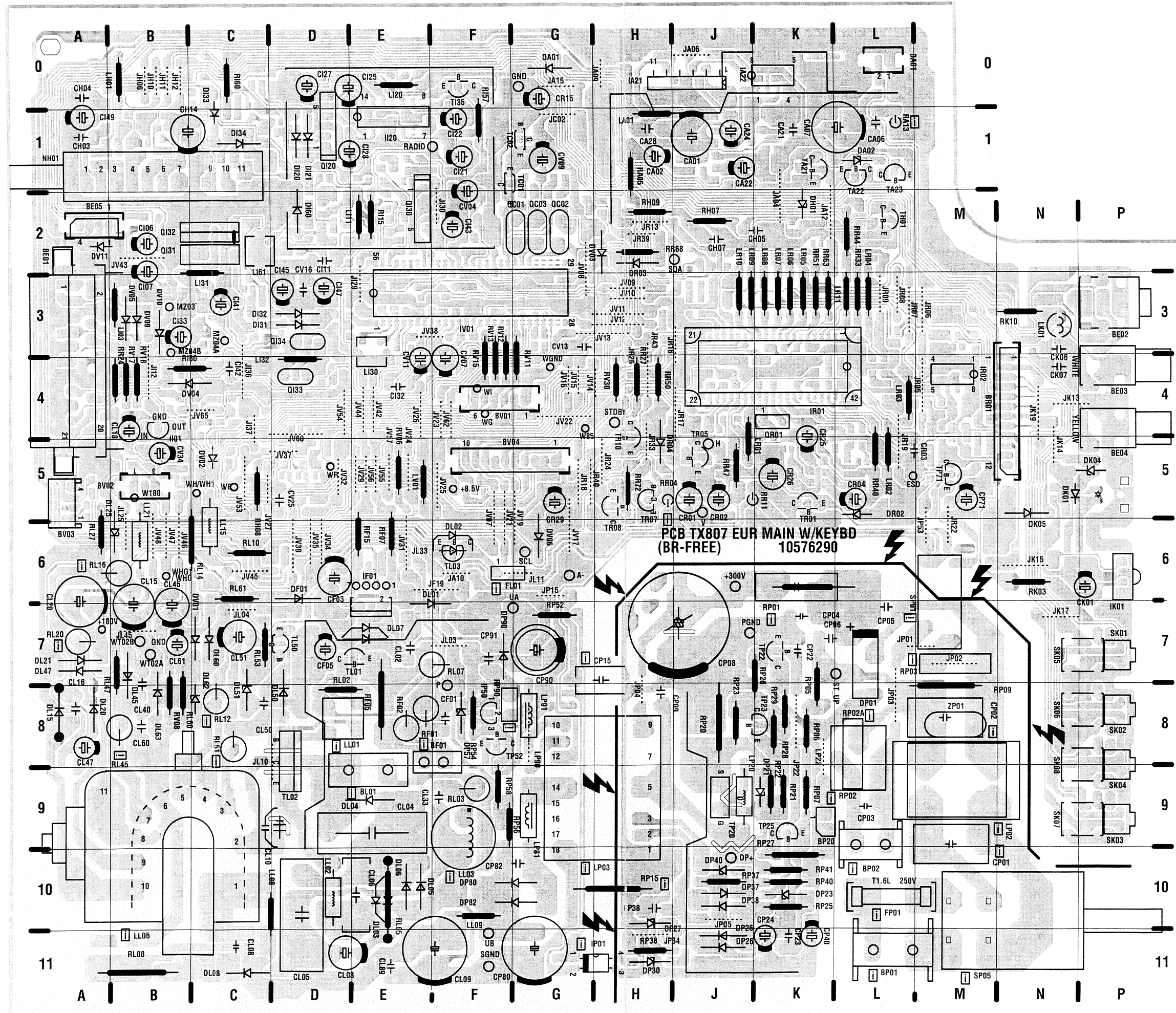
* REFER TO PART LIST

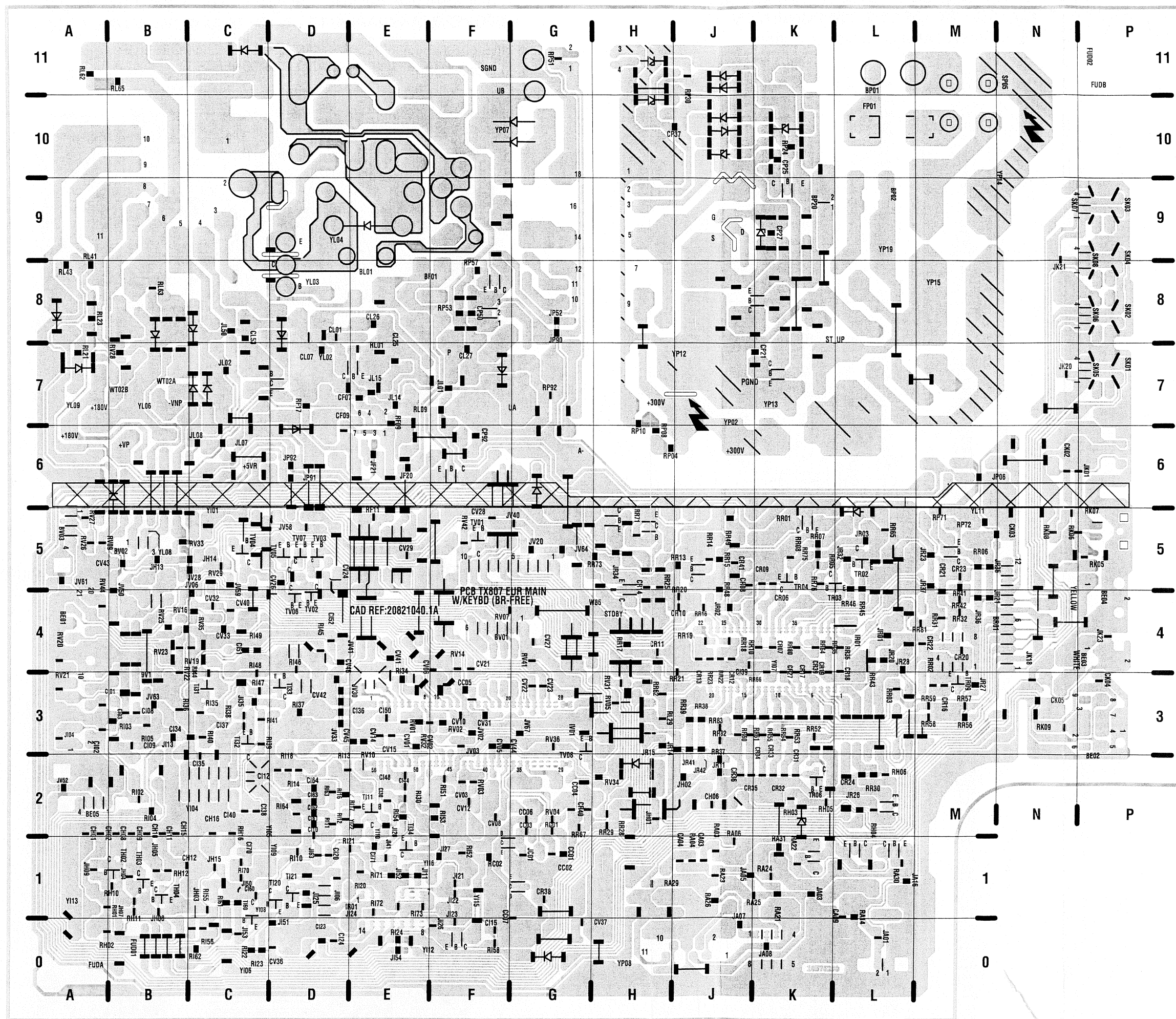
J DIFFERENCES BETWEEN BGHILL' - BGDKK' - BG AND I

POSITION	BGHILL' (VST)	BGDKK	BG	I	BGHILL' (FST)
CI20	1NF	-	-	-	1NF
CI21	10UF	-	-	-	100UF
CI23	22NF	-	-	-	22NF
CI24	22NF	-	-	-	22NF
CI27	22UF	-	-	-	22UF
CI28	10UF	-	-	-	10UF
CI37	22NF	22NF	-	-	22NF
CI38	22NF	22NF	-	-	22NF
CI39	1NF	1NF	-	-	1NF
CI40	-	-	-	-	-
CI50	1P5F	-	-	-	1P5F
CI60	4N7F	4N7F	-	-	4N7F
CI61	2P7F	5P6F	-	-	2P7F
CI62	2P7F	5P6F	-	-	2P7F
CI63	22PF	39PF	-	-	22PF
CI64	47PF	47PF	-	-	47PF
DI20	BA282	-	-	-	BA282
DI21	BA282	-	-	-	BA282
DI31	BA282	BA282	0R	-	BA282
DI32	BA282	BA282	-	0R	BA282
DI33	1N4148	-	-	-	1N4148
DI34	0R	-	-	-	0R
DI60	BA282	BA282	-	-	BA282
I120	STV8225	-	-	-	STV8225
J06	-	-	-	-	-
J07	-	0R	0R	0R	-
J08	-	220R	220R	220R	-
J12	-	-	-	-	-
J13	-	0R	0R	0R	0R
J14	-	-	-	-	-
J15	0R	-	-	-	0R
J16	0R	-	-	-	0R
J17	0R	-	-	-	0R
J18	0R	0R	-	-	0R
J19	0R	0R	-	-	0R
J20	LA 7X7 77 8MHz 135NH	LA 7X7 77 8MHz 150NH	LA7X7 77 8MHz 150NH	LA7X7 77 8MHz 150NH	LA7X7 77 8MHz 135NH
J32	LF 3U7H	LF 3U9H	LF 4U7H	LF 4U7H	LF 3U9H
LI61	LA 7X7 32 4MHz	LA 7X7 29.65MHz	-	-	LA7X7 32 4MHz
QI20	FILSWL9456M	-	-	-	FILSWL9456M
QI30	FILSWG1967M	FILSWK2967M	FILSWG1962M	FILSWJ1952M	FILSWG1967M
QI31	FILC 5M6Hz	FILC 5M6Hz	FILC 5M5Hz	-	FILC 5M6Hz
QI32	FILC 6M0Hz	FILC 6M6Hz	-	FILC 6M0Hz	FILC 5M6Hz
QI33	FILCTRP 5M74Hz	FILCTRP 5M74Hz	FILCTRP 5M74Hz	-	FILCTRP 5M74Hz
QI34	FILCTRP 6M0Hz	FILCTRP 6M5Hz	-	FILCTRP 6M0Hz	FILCTRP 6M0Hz
RI11	180R	68R	68R	68R	180R
RI13	4K7	4K7	8K2	8K2	8K2
RI17	22R	39R	47R	47R	10R
RI20	2K2	-	-	-	2K2
RI21	6K8	-	-	-	6K8
RI22	10K	-	-	-	10K
RI23	10K	-	-	-	10K
RI24	100R	-	-	-	100R
RI38	1K8	1K8	-	-	1K8
RI39	1K8	1K8	-	-	1K8
RI40	-	-	-	-	-
RI41	4K7	4K7	-	-	4K7
RI45	120R	100R	120R	120R	100R
RI56	12K	0R	0R	0R	12K
RI57	-	47R	47R	47R	-
RI58	-	1K	1K	1K	-
RI60	3K9	3K9	-	-	3K9
RI61	2K7	2K7	-	-	2K7
RI62	2K7	2K7	-	-	2K7
RI63	2K7	2K7	-	-	2K7
RI64	150K	150K	-	-	150K
T120	DTC144EK	-	-	-	DTC144EK
T121	DTC144EK	-	-	-	DTC144EK
T132	DTC144EK	DTC144EK	-	-	DTC144EK
T135	-	-	-	-	-
T160	BC848B	BC848B	BC548B	BC548B	BC848B
CR15	10UF	BC848B	-	-	10UF
CR17	100PF	100PF	-	-	100PF
CR27	220PF	-	-	-	220PF
CR38	1NF	-	-	-	1NF
JR11	0R	-	-	-	0R
JR13	0R	-	-	-	0R
JR11	0R	0R	-	-	0R
RR28	1K5	-	-	-	1K5
RR29	3K3	-	-	-	3K3
RR44	1K	1K	-	-	1K
RR51	10K	-	-	-	10K
RR66	100R	100R	-	-	100R
TR06	BC848B	-	-	-	BC848B

MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES





1	2	3
BA01	L0	
BE01	L4	
BE02	P3	
BE03	P4	
BE04	P4	
BE05	P2	
BE05A	P2	
BF01A	E8	
BF01B	F8	
BF01C	F8	
BL01A	D9	
BL01B	E9	
BP01A	LZ	
BP01B	LZ	
BP01H	LZ	
BP02A	L9	
BP02B	L9	
BP02H	L9	
BP20	K9	
BR01	N4	
BR01A	N4	
BT01	P1	
BT01A	P1	
BT02	P1	
BV01	F4	
BV02	F5	
BV03	F5	
BV04	F5	
BX01	Q6	
BX51	Q9	

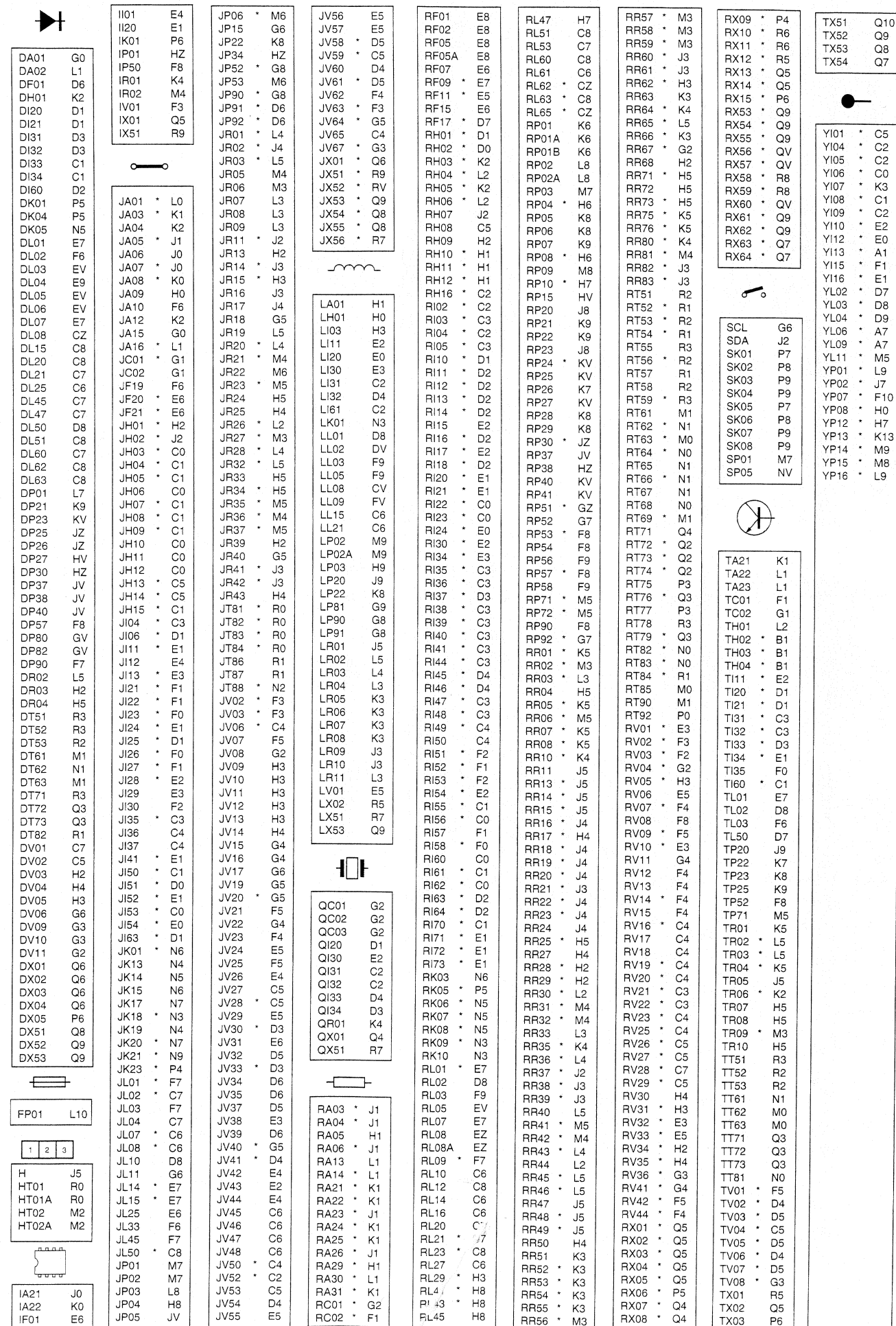
1	2	3
CA01	J1	
CA02	H1	
CA03	J1	
CA04	J1	
CA06	L1	
CA07	L1	
CA09	L1	
CA21	K1	
CA22	J1	
CA24	J1	
CA26	H1	
CC01	G1	
CC02	G1	
CC03	G2	
CC04	G2	
CC05	F3	
CC06	G2	
CC07	G0	
CF01	F8	
CF03	D6	
CF05	D7	
CF07	E7	
CF09	D6	
CH01	D2	
CH02	D2	
CH03	D1	
CH04	D0	
CH05	K2	
CH06	J2	
CH07	J2	
CH08	J2	
CH09	J2	
CH10	J2	
CH11	J2	
CH12	J1	
CH14	J1	
CH15	J2	
CH16	O2	
CI01	C3	
CI02	C3	
CI03	C3	
CI06	C2	
CI07	C2	
CI08	C3	
CI09	C3	
CI10	D2	
CI11	D2	
CI12	D2	
CI15	F0	
CI20	D1	
CI21	F1	
CI22	F1	
CI23	D0	
CI24	D0	
CI25	D0	
CI27	D0	
CI28	D1	
CI30	E2	
CI32	E4	
CI33	E3	
CI34	C3	
CI35	O2	
CI36	D3	
CI37	C3	
CI38	C2	
CI39	J4	
CI40	O2	

CI41	C3
CI42	C4
CI43	F2
CI44	E2
CI45	D3
CI47	D3
CI48	E2
CI49	E1
CI50	E3
CI51	C4
CI52	D4
CI60	C1
CI61	D2
CI62	D2
CI63	D2
CI64	D2
CI70	C1
CI71	E1
CK01	P6
CK02	N6
CK03	M5
CK04	P3
CK05	N3
CK06	N3
CK07	N4
CL01	D8
CL02	E7
CL03	DZ
CL04	E9
CL05	DV
CL06	EV
CL07	D7
CL08	CZ
CL09	FZ
CL10	D9
CL10A	D9
CL15	D7
CL16	D8
CL18	D4
CL20	D6
CL25	E7
CL26	E8
CL27	F7
CL33	F9
CL40	F7
CL45	F7
CL47	F8
CL50	C8
CL51	C7
CL53	C8
CL60	C8
CL61	C7
CL89	EZ
COR01	N6
COR02	P1
COR03	NV
COR04	N3
COR05	F4
COR06	K2
COR07	H7
COR08	H9
COR09	D4
COR10	E9
COR11	E0
COR12	E8
CP01	M9
CP02	M8
CP03	L9
CP04	K7
CP05	L7
CP06	K7
CP08	J7
CP08A	J7
CP09	H8
CP15	H7
CP21	K7
CP22	K7
CP23	KZ
CP24	KZ
CP25	KV
CP27	K9
CP37	JV
CP38	HV
CP40	KZ
CP50	F8
CP71	M5
CP80	G2
CP82	GV
CP90	G7
CP90A	G7
CP91	F7
CP92	F6
CR01	J5
CR02	J5
CR03	L5
CR04	L5
CR06	K5
CR07	K4
CR08	J5
CR09	K5
CR10	J4
CR11	H4
CR12	J4

CR13	J4
CR14	H5
CR15	G0
CR16	M3
CR17	K3
CR18	L4
CR19	K3
CR20	M4
CR21	M4
CR22	M4
CR23	M5
CR24	L2
CR25	K5
CR26	K5
CR27	K3
CR29	G5
CR31	K2
CR32	K2
CR33	K2
CR34	K2
CR35	J2
CR36	J2
CR38	G1
CR39	K3
CR40	G2
CR41	J5
CT51	R1
CT52	R3
CT61	N0
CT62	M1
CT71	Q2
CT72	Q3
CT81	R1
CT82	R2
CT84	N0
CT85	R1
CT86	M0
CT90	Q1
CV01	E3
CV02	E3
CV03	F2
CV04	F2
CV05	F3
CV06	F4
CV07	F4
CV08	F2
CV09	G1
CV10	F3
CV11	E4
CV12	F2
CV13	G3
CV14	E3
CV15	E3
CV16	D3
CV21	F4
CV22	G3
CV23	G3
CV24	D5
CV25	D5
CV26	D5
CV27	G4
CV28	F5
CV29	E5
CV31	F3
CV32	C4
CV34	C5
CV36	D0
CV37	G0
CV40	C4
CV41	E4
CV42	D3
CV43	D5
CV44	F3
CV45	E3
CV46	D3
CV47	R4
CV48	Q4
CV49	Q7
CV50	R7
CV51	Q8
CV52	Q8
CV53	QV
CV54	Q8
CV55	QV
CV56	R9
CV57	RV
CV58	Q8
CV59	P9
CV60	QV

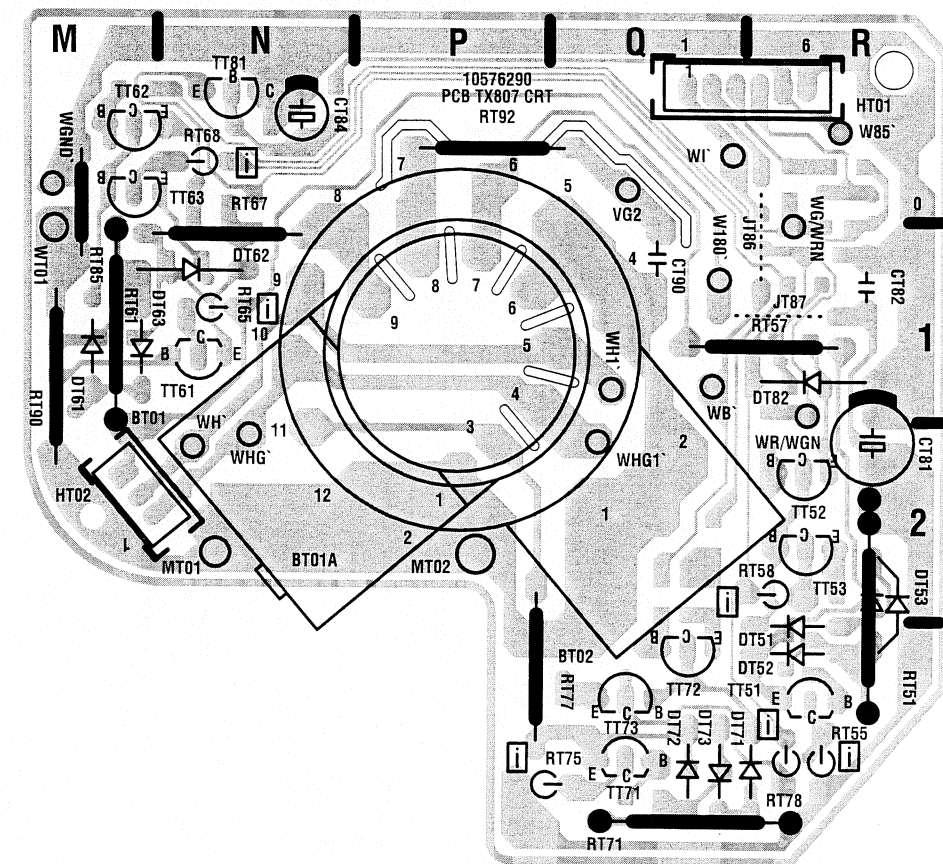
**COMPONENTS LOCATION - LOCALISATION DES ELEMENTS - LAGE DER BAUTEILE
- LOCALIZZAZIONE DEGLI ELEMENTI - LOCALIZACION DE LOS COMPONENTES**

* SOLDER SIDE - COTE CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

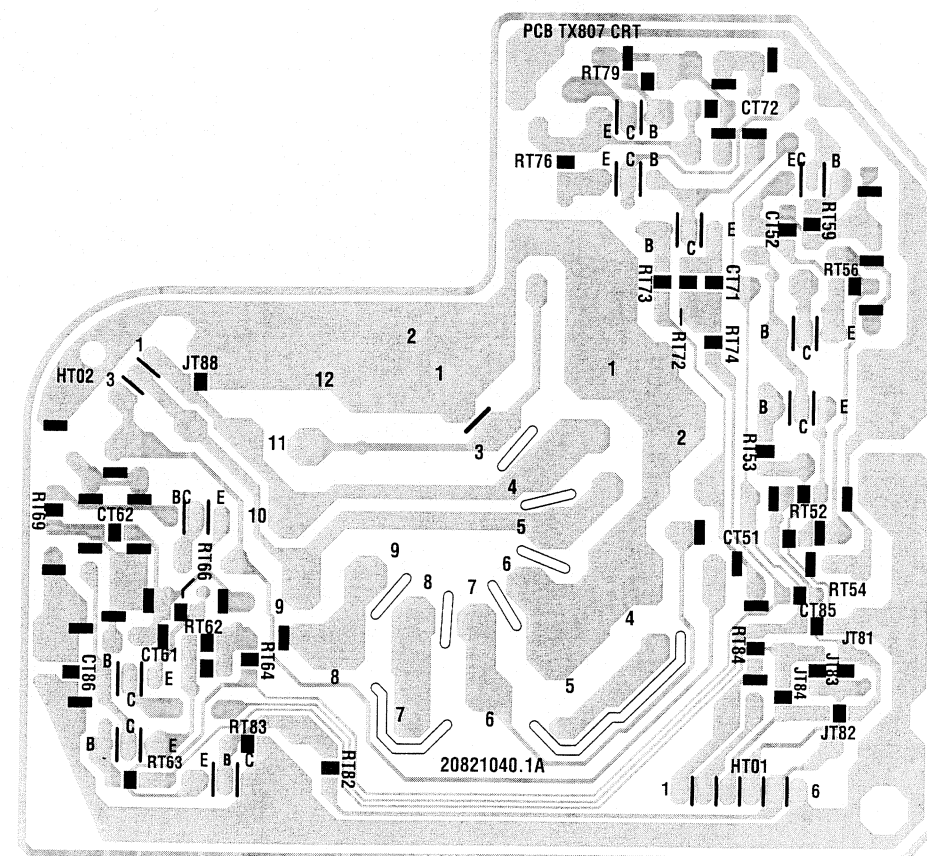


**VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO -
VIDEOVERSTÄRKERPLATTE - PIASTRA AMPLIFICATORE VIDEO -
PLATINA AMPLIFICADOR VIDEO**

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE -
LATO COMPONENTI - LADO COMPONENTES

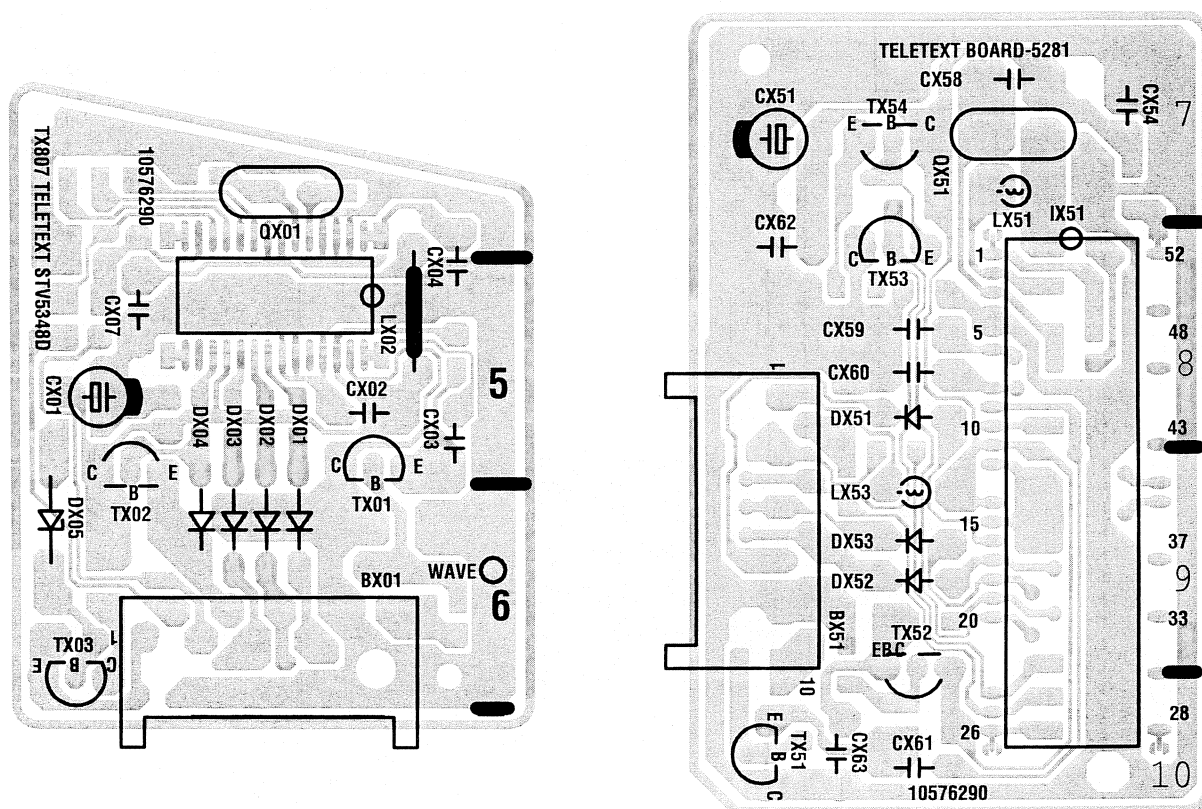


SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

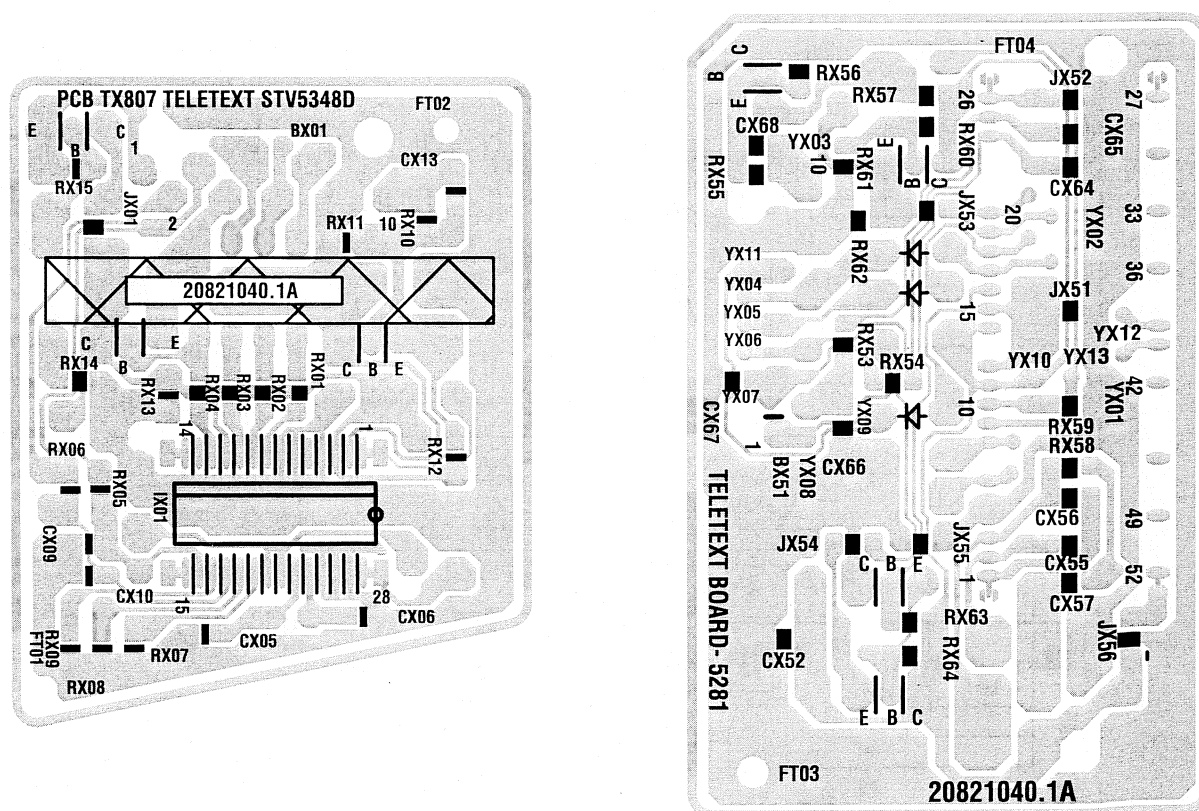


TELETEXT MODULE - MODULE TELETEXE - VIDEOTEXT MODUL MODULO TELEVIDEO - MODULO TELETETO

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE -
LATO COMPONENTI - LADO COMPONENTES

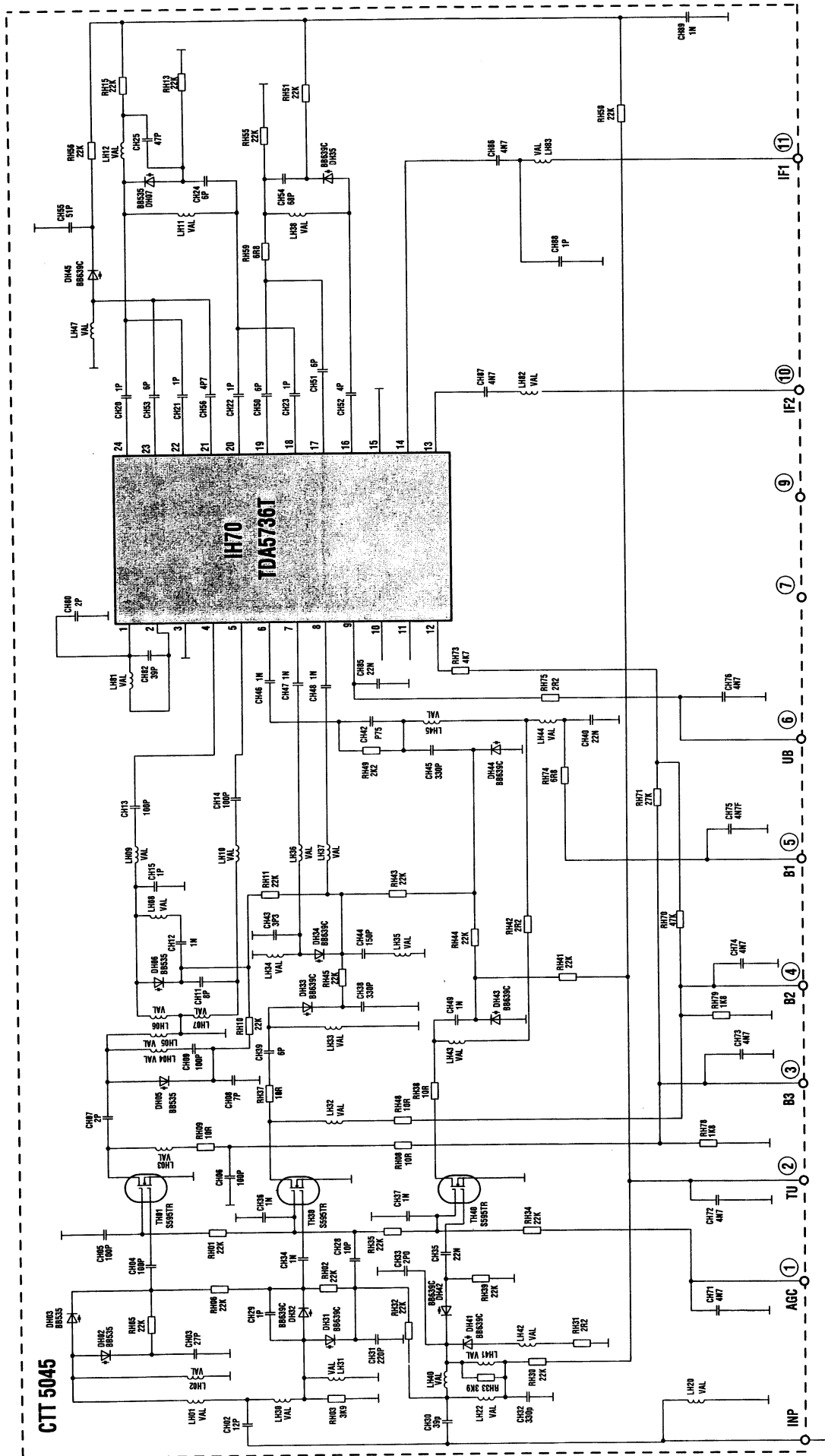


SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



TUNER CTT5045

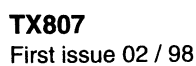
(TENSION SYNTHESIS - SYNTHESE DE TENSION - SPANNUNGSSYNTHESE -
SINTESI DI TENSIONE - SINTESIS DE TENSION)



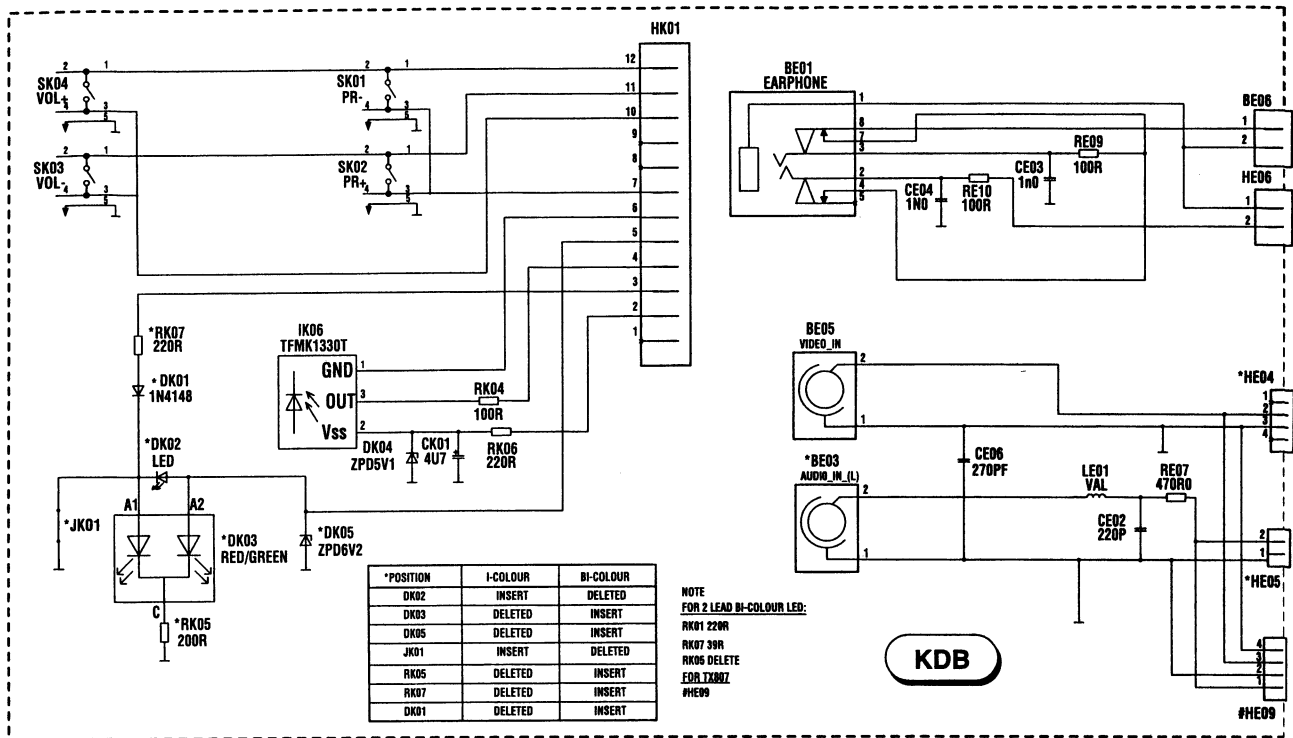
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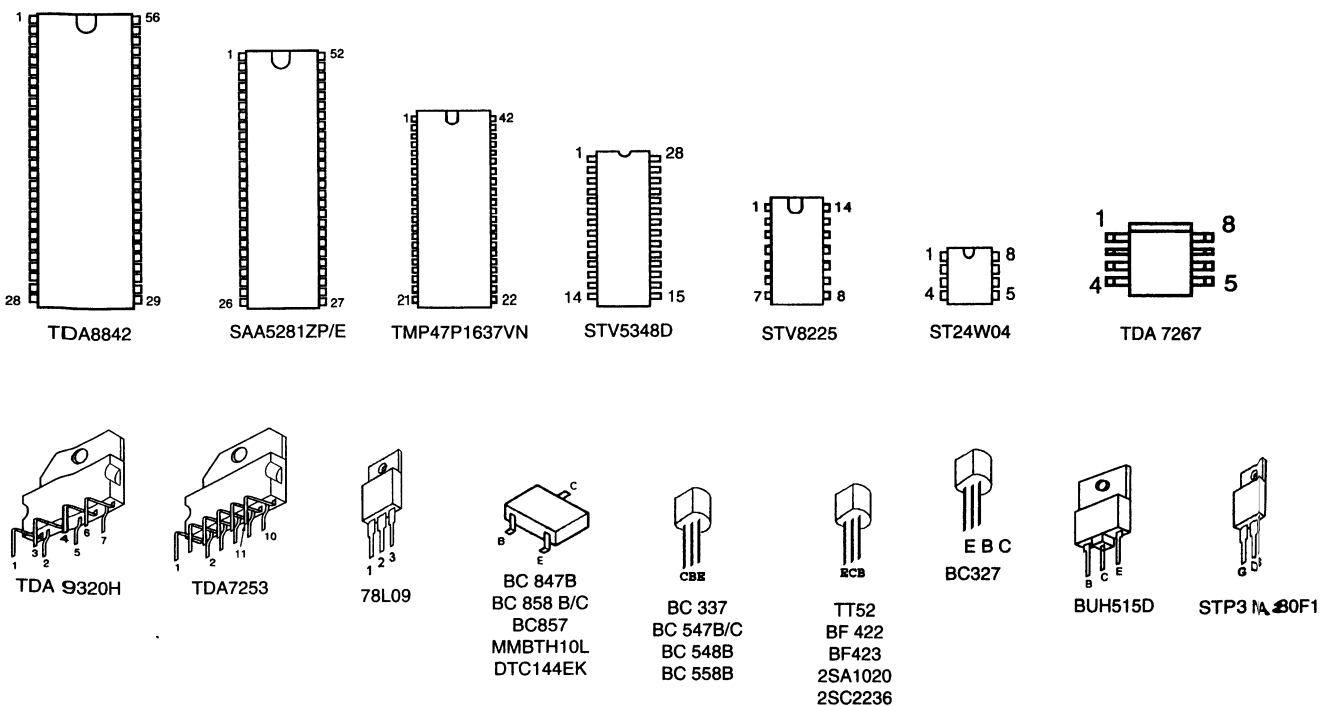
(FREQUENCY SYNTHESIS - SYNTHESE DE FREQUENCE - FREQUENZSYNTHESE -
SINTESI DI FREQUENZA - SINTESIS DE FRECUENCIA)



KEYBOARD MODULE - PLATINE CLAVIER - TASTATURPLATTE - PISATRA COMANDI - PLATINA TECLADO



INTEGRATED CIRCUITS AND TRANSISTORS OUTLINE - CIRCUITS INTEGRES ET TRANSISTORS INTEGRIERTE SCHALTUNGEN UND TRANSISTOREN - CIRCUITI INTEGRATI TRANSISTOR CIRCUITOS INTEGRADOS Y TRANSISTORES



ABBREVIATIONS - ABREVIATIONS - ABKÜRZUNGEN - ABBREVIAZIONI - ABREVIACIONES

● BCL	BEAM CURRENT LIMITER
● BLACK_I	BLACK CURRENT INPUT
● B'	BLUE SIGNAL TO VIDEO AMPLIFIER
● CVBS	COMPOSITE VIDEO BASE BAND SIGNAL
● DEG -COIL	DEGAUSS COIL
● FAULT	SIGNAL TO DETECT FAULT CONDITION
● FB	FAST BLANKING
● FB_TXT	FAST BLANKING SIGNAL FROM TEXT MODUL
● G'	GREEN SIGNAL TO VIDEO AMPLIFIER
● H	DRIVE SIGNAL FOR HORIZONTAL DEFLECTION
● HTR	HEATER VOLTAGE
● IR	DATA FROM INFRARED RECEIVER
● MUTE	MUTE AMPLIFIER
● NORM_SW	NORM SWITCH
● R'	RED SIGNAL TO VIDEO AMPLIFIER
● SCL	SERIAL CLOCK
● SDA	SERIAL DATA
● SIF	SOUND IF
● SOUND_SW	IF SELECTION CONTROL OUTPUT
● V_DRIVE	DRIVE SIGNAL FOR VERTICAL DEFLECTION
● VT	TUNING VOLTAGE
● +UB	SYSTEM VOLTAGE